

# RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/511,621

Source: PST

Date Processed by STIC: 10-26-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

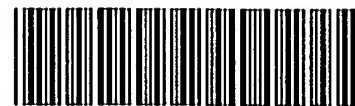
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

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PCT

## RAW SEQUENCE LISTING

DATE: 10/26/2004

PATENT APPLICATION: US/10/511,621

TIME: 17:46:22

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10262004\J511621.raw

3 <110> APPLICANT: BASF Plant Science GmbH  
5 <120> TITLE OF INVENTION: Method for Producing Multiple Unsaturated  
6 Fatty Acids in Plants  
8 <130> FILE REFERENCE: 2002/271  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/511,621  
C--> 11 <141> CURRENT FILING DATE: 2004-10-19  
E--> 13 <160> NUMBER OF SEQ ID NOS: 64  
15 <170> SOFTWARE: PatentIn Vers. 2.0

*found 53*

## ERRORED SEQUENCES

Does Not Comply  
Corrected Diskette Needed

*(pg. 1-7)* ←

<210> 53

<211> 257

<212> DNA

<213> Artificial sequence

<220>

<223> Polylinker-terminator-polylinker

<400> 53

agatctgccg gcatcgatcc cgggccatgg cctgctttaa tgagatatgc gagacgccta 60

tgatcgcgat atatttgctt tcaattctgt tgtgcacggt gtaaaaaacc tgagcatgtg 120

tagctcagat ccttaccgcc ggtttcgggt cattctaata aatatatcac ccgttactat 180

cgtattttta tgaataatat tctccgttca atttactgat tgtccgtcga cgaattcgag 240

ctcggcgcgc caagctt

257

see PAGE 1 for error explanation!

<210> 44  
<211> 290  
<212> PRT  
<213> Unknown  
~~<220>~~  
~~<223>~~  
<400> 44

pls insert

↑ Mandatory, if <213> response  
is artificial / Unknown

please explain source of  
genetic material in section

<220> - <223>, pls see  
error explanation on page 4.



The type of errors shown exist throughout  
the Sequence Listing. Please check subsequent  
sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/511,621DATE: 10/26/2004  
TIME: 17:46:24

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10262004\J511621.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1,2,3,4,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24  
Seq#:1; Line(s) 26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45  
Seq#:1; Line(s) 46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65  
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Seq#:1; Line(s) 86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103  
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Seq#:1; Line(s) 134,135,136,137,138,139,140,141,142,143,144,145,146,147,148  
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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/511,621

DATE: 10/26/2004  
TIME: 17:46:24

Input Set : A:\PTO.FG.txt  
Output Set: N:\CRF4\10262004\J511621.raw

Seq#:7; Line(s) 620,621,622,623,624,625,626,627,628,629,630,631,632,633,634  
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Seq#:7; Line(s) 710,711,712,713,714,715  
Seq#:8; Line(s) 716,717,718,719,720,721,722,723,724,725,726,727,728,729,730

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

ERROR EXPLANATION: ✓

Seq#:44,45,47,48,49  
\_ \_ \_ \_ \_

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/511,621

DATE: 10/26/2004

TIME: 17:46:24

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10262004\J511621.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:2324 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:21  
L:2919 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:27  
L:6822 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6826 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6830 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6834 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6838 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6842 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6846 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6850 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6854 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6858 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6862 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6866 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6870 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6874 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6878 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6882 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6886 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6890 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6894 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6898 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6902 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6906 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6910 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6914 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6918 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6922 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6926 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6930 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6934 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6938 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6942 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6946 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6950 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6954 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43  
L:6980 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:44, <213>  
ORGANISM:Unknown  
L:6980 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:44, <213>  
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L:6980 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:44, Line#:6980  
L:7044 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:45, <213>  
ORGANISM:Unknown  
L:7044 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:45, <213>  
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L:7044 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:45, Line#:7044  
L:7659 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7663 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7667 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7671 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46

## VERIFICATION SUMMARY

DATE: 10/26/2004

PATENT APPLICATION: US/10/511,621

TIME: 17:46:24

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10262004\J511621.raw

L:7675 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7679 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7683 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7687 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7691 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7695 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7699 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7703 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7707 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7711 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46  
L:7967 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:47, <213>  
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L:7967 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:47, <213>  
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L:7967 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:47,Line#:7967  
L:8031 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:48, <213>  
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ORGANISM:Unknown  
L:8031 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:48,Line#:8031  
L:8137 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:49, <213>  
ORGANISM:Unknown  
L:8137 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:49, <213>  
ORGANISM:Unknown  
L:8137 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:49,Line#:8137  
L:13 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (64) Counted (53)